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May 29, 1996

DERWENT-ACC-NO: 1996-252856
 DERWENT-WEEK: 199842
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TITLE: Fruit juice supplemented with gamma or di:homo gamma linolenic acid - for treating e.g. hypertension, asthma, cancer and prostatic diseases

INVENTOR: HORROBIN, D F

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SCOTIA HOLDINGS PLC

SCOTN

PRIORITY-DATA: 1994GB-0023625 (November 23, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 713653 A1	May 29, 1996	E	007	A23L002/52
AU 9537869 A	May 30, 1996		000	A23L001/29
NO 9504726 A	May 24, 1996		000	A23L002/02
CA 2163466 A	May 24, 1996		000	A23L002/52
FI 9505618 A	May 24, 1996		000	A23L002/52
ZA 9509843 A	August 28, 1996		015	A23L000/00
JP 08205832 A	August 13, 1996		006	A23L002/02
SG 35039 A1	February 1, 1997		000	A23L000/00
CN 1132607 A	October 9, 1996		000	A23L002/02
NZ 280468 A	August 26, 1998		000	A23L002/02

DESIGNATED-STATES: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

CITED-DOCUMENTS:DE 3213744; EP 275643 ; EP 366480 ; EP 609001 ; EP 611568 ; FR 2550445 ; GB 2209936 ; WO 8905101 ; WO 9117670

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 713653A1	November 10, 1995	1995EP-0308080	
AU 9537869A	November 16, 1995	1995AU-0037869	
NO 9504726A	November 22, 1995	1995NO-0004726	
CA 2163466A	November 22, 1995	1995CA-2163466	
FI 9505618A	November 22, 1995	1995FI-0005618	
ZA 9509843A	November 20, 1995	1995ZA-0009843	
JP08205832A	November 21, 1995	1995JP-0302859	
SG 35039A1	November 22, 1995	1995SG-0001900	
CN 1132607A	November 23, 1995	1995CN-0121861	
NZ 280468A	November 15, 1995	1995NZ-0280468	

INT-CL (IPC): A23L 0/00; A23L 1/29; A23L 1/30; A23L 1/304; A23L 2/02; A23L 2/52; A61K 31/20; A61K 31/23; A61K 35/78

ABSTRACTED-PUB-NO: EP 713653A

BASIC-ABSTRACT:

Fruit juice enriched or supplemented with gamma -linolenic acid (GLA) or dihomogamma -linolenic acid (DGLA) comprises (i) 10-15 g (pref. 100 mg-2 g)/100 ml of GLA and/or DGLA; and (ii) opt. 1 mg-30 g (pref. 100 mg-2 g)/100 ml of arachidonic acid (AA), stearidonic acid (SA), eicosapentaenoic acid (EPA) or docosahexaenoic acid (DHA).

USE - GLA or DGLA is useful for the treatment or prevention of atopic eczema. It is admin. with: (i) calcium at 50-2000 mg/100 ml and opt. EPA for the treatment and prevention of osteoporosis; (ii) EPA or DHA for the prevention or treatment of rheumatoid or osteoarthritis; (iii) EPA, DHA or AA for the treatment of schizophrenia or alcoholism; or for the treatment and prevention of hypertension, coronary artery disease or peripheral vascular disease; (iv) other fatty acids or nutrients such as ascorbic acid or ascorbate at 10-2000 mg/100 ml for the treatment or prevention of asthma or diabetes and its complications or for the supportive nutrition of patients with cancer; or (v) other fatty acids or nutrients such as zinc at 1-800 mg/100 ml for the treatment of prostatic diseases such as prostatic hypertrophy, (all claimed). The compsn. may also be useful for the treatment of skin disorders such as acne, inflammatory diseases such as systemic lupus erythematosus, Crohn's disease, ulcerative colitis, gastrointestinal disorders such as peptic ulcers and impaired renal function.

ADVANTAGE - The essential fatty acids are administered using a method which is attractive and pleasant for the consumer.

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS: FRUIT JUICE SUPPLEMENTARY GAMMA DIHOMO GAMMA LINOLENIC ACID TREAT
HYPERTENSIVE ASTHMA CANCER PROSTATE DISEASE

DERWENT-CLASS: B05 D13 E17

CPI-CODES: B04-A10; B10-C04E; B14-C09; B14-E08; B14-E10; B14-F01E; B14-F02; B14-H01; B14-J01B3; B14-K01A;
B14-M01A; B14-N01; B14-N07A; B14-N10; B14-S04; D03-H01G; D03-H01T2; E10-C04H;

CHEMICAL-CODES:

Chemical Indexing M1 *01*
Fragmentation Code
M423 M431 M782 M903 Q211 V400 V406

Chemical Indexing M2 *02*
Fragmentation Code
H7 H723 J0 J011 J1 J171 M225 M231 M262 M281
M320 M416 M431 M782 M903 M904 P431 P526 P633 P723
P738 P822 P943 Q211
Specific Compounds
04255M

Chemical Indexing M3 *02*
Fragmentation Code
H7 H723 J0 J011 J1 J171 M225 M231 M262 M281
M320 M416 M431 M782 M903 M904 P431 P526 P633 P723
P738 P822 P943 Q211
Specific Compounds
04255M

Chemical Indexing M2 *03*
Fragmentation Code
H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P431 P526 P633 P723
P738 P822 P943 Q211
Specific Compounds
04489M

Chemical Indexing M3 *03*
Fragmentation Code
H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P431 P526 P633 P723
P738 P822 P943 Q211

Specific Compounds
04489M

Chemical Indexing M2 *04*

Fragmentation Code

F012 F013 F014 F015 F113 H4 H403 H421 H482 H8
J5 J522 K0 L8 L818 L821 L832 L9 L942 L960
M280 M312 M321 M332 M343 M373 M391 M413 M431 M510
M521 M530 M540 M630 M782 M903 M904 P431 P714 P822
Q211 V0 V330

Specific Compounds
04454M

Chemical Indexing M3 *04*

Fragmentation Code

F012 F013 F014 F015 F113 H4 H403 H421 H482 H8
J5 J522 K0 L8 L818 L821 L832 L9 L942 L960
M280 M312 M321 M332 M343 M373 M391 M413 M431 M510
M521 M530 M540 M630 M782 M903 M904 P431 P714 P822
Q211

Specific Compounds
04454M

Chemical Indexing M2 *05*

Fragmentation Code

F012 F013 F014 F015 F113 H4 H403 H421 H482 H8
J5 J522 K0 L8 L818 L821 L832 L9 L942 L960
M280 M312 M321 M332 M343 M373 M391 M413 M431 M510
M521 M530 M540 M782 M903 M904 M910 P431 P714 P822
Q211 V0 V330

Specific Compounds
00035M
Registry Numbers
0035U

Chemical Indexing M3 *05*

Fragmentation Code

F012 F013 F014 F015 F113 H4 H403 H421 H482 H8
J5 J522 K0 L8 L818 L821 L832 L9 L942 L960
M280 M312 M321 M332 M343 M373 M391 M413 M431 M510
M521 M530 M540 M782 M903 M904 M910 P431 P714 P822
Q211

Specific Compounds
00035M
Registry Numbers
0035U

Chemical Indexing M2 *06*

Fragmentation Code

A430 C810 M411 M431 M782 M903 M904 P633 Q211
Specific Compounds
03035M

Chemical Indexing M3 *06*

Fragmentation Code

A430 C810 M411 M431 M782 M903 M904 P633 Q211
Specific Compounds
03035M

Chemical Indexing M2 *07*

Fragmentation Code

H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P421 P423 P446 P520
P522 P641 Q211
Specific Compounds
04470M

Chemical Indexing M3 *07*

Fragmentation Code

Record Display Form

H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P421 P423 P446 P520
P522 P641 Q211
Specific Compounds
04470M

Chemical Indexing M2 *08*

Fragmentation Code
H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P421 P423 P446 P520
P522 P641 Q211
Specific Compounds
04471M

Chemical Indexing M3 *08*

Fragmentation Code
H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P421 P423 P446 P520
P522 P641 Q211
Specific Compounds
04471M

Chemical Indexing M2 *09*

Fragmentation Code
H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P446 P520 P522 P641
Q211
Specific Compounds
04038M

Chemical Indexing M3 *09*

Fragmentation Code
H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P446 P520 P522 P641
Q211
Specific Compounds
04038M

Chemical Indexing M2 *10*

Fragmentation Code
H7 H723 J0 J011 J1 J171 M225 M231 M262 M281
M320 M416 M431 M782 M903 M904 Q211
Specific Compounds
20700M

Chemical Indexing M3 *10*

Fragmentation Code
H7 H723 J0 J011 J1 J171 M225 M231 M262 M281
M320 M416 M431 M782 M903 M904 Q211
Specific Compounds
20700M

Chemical Indexing M2 *11*

Fragmentation Code
A220 C810 M411 M431 M782 M903 M904 P421 Q211
Specific Compounds
03033M

Chemical Indexing M3 *11*

Fragmentation Code
A220 C810 M411 M431 M782 M903 M904 P421 Q211
Specific Compounds
03033M

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0035U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-080032